HP Photosmart R927 Digital Camera

Datasheet

Zap red-eye right in the camera and see the photo you want—no computer required.

- Crisp 8.2 MP resolution
- Crop, edit shots right in the camera
- Bright 3-inch image display

8.2 MP photos, 3-inch image display

- 8.2 MP brilliant photos in a sturdy, powerful camera—crop, edit and enlarge up to poster size.
- Frame, review and edit shots on a big, bright 3-inch image display with an extra-wide viewing angle.
- Great close up shots with 3x internal optical zoom; zoom in even closer with 8x digital zoom.
- Record high-quality VGA video with audio—then save video stills to print directly from your camera.
- This ultra-compact, durable camera features a metal body with a sleek, premium finish.

Effortless photos through innovative HP technology

- Automatically remove red-eye right in the camera and see the photo you want—no computer required.
- Automatically bring out details normally lost in shadows with HP adaptive lighting technology.
- Snap up to five photos for a panorama shot you can print from the camera—without software or a PC.
- Add creative touches to your photos with artistic effects, borders and more—right on the camera.
- Get more creative using manual controls, and then get photo-taking tips with HP Image Advice.

True-to-life HP prints, your way

- Get brilliant 4x6-inch photos without leaving home using Snapfish, an online service of HP.
- Simple prints, simple sharing—easily e-mail or print photos at home using HP Photosmart Share.
- Get beautiful prints almost anywhere with an easy-to-use HP Photosmart Compact Photo Printer.*
- Get everything you need, including a long-lasting, rechargeable battery and 32 MB internal memory.
- An included dock recharges the camera and makes it easy to print and e-mail photos.

*HP Photosmart Compact Photo Printer and Internal Battery for HP Compact Photo Printers not included. Please purchase separately.

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Technical specifications

HP Real Life Technologies	AE bracketing, HP Adaptive Demosiac, HP Adaptive Lighting, HP Design Gallery, HP Image Advice, HP In-camera Panorama Preview and Stitching, HP In-camera Red-eye Removal, HP Noise Filter, HP Preferred Photo Reproduction, HP Vignetting
Imaging Technology	AE bracketing, AE metering, auto focus area, color bracketing, contrast, EV compensation, image quality, ISO speed, saturation, sharpness, video quality, white balance
Photo Resolution	8.2 MP
Bit depth	42-bit
CCD Image Sensor Specifications	1/1.8 inch CCD; 3312 x 2496 total pixels, 3296 x 2480 effective pixels
Still Image Capacity[1]	**Best:** 7 images; 3.56 MB file size; 3312 x 2496 resolution; **Better:** 10 images; 2.5 MB file size; 3296 x 2480 resolution; **Good:** 22 images; 1.21 MB file size; 2592 x 1936 resolution
Memory	**Photo Storage:** 32 MB internal memory; **Capacity:** up to 10 photos (accepts SD cards up to 2 GB capacity); **Card Compatibility:** Secure Digital; **Memory per slot (maximum)**: 2 GB
Lens System	Fuji lens, 24x total zoom (3x optical, 8x digital), 7.8 to 22 mm focal length, approximately 35 to 105 mm (35 mm equivalent), f2.8 to f7.8 m (wide), f5.0 to f8.5 m (telephoto)
Zoom Capability	24x (3x optical, 8x digital)
Shutter	**Speed:** 16 to 1/2000 sec; **Setting:** Manual and automatic; **Lag:** 0.32
Exposure	**Rating:** Auto (default), ISO 100, 200, 400; **Type:** Manual, Automatic; **Control:** Auto (default), Aperture Priority, Shutter Priority, Full Manual, center-weighted Auto Exposure (AE) Metering (default), spot AE Metering, average AE Metering; **Correction:** +/- 3.0 EV in 1/3 steps
Aperture	**Setting:** Manual and automatic; **Range:** f2.8 to f7.8 (wide), f5.0 to f8.5 (telephoto)
Flash	**Availability:** Built-in; **Functions:** Auto (default), Flash on, Flash off; **Working Distance: (US)** 15.6 ft wide, 15.6 ft telephoto; **(Metric)** 4.75 m wide, 4.75 m telephoto
Modes	**Picture:** Auto (default), Action, Aperture priority, Beach, Document, Landscape, Manual mode, My mode, Night Scenery, Night Portrait, Panorama left, Panorama right, Portrait, Shutter priority, Snow, Sunset, Theatre; **Shooting:** Normal (default), Self timer, Self timer (2 shots), Burst, Video
Self Timer Wait Time	10 sec
Focus Capability	Normal, macro, infinity, manual focus, multi-zone or spot focus control
Digital Focal Distance	Approximately 0.5 m to infinity (wide), 0.6 m to infinity (telephoto), 0.12 - 1.0 m (macro wide)
Focal Distance (35 mm equivalent)	Approximately 35 to 105 mm to infinity; **Length:** 7.8 to 22 mm focal length (equivalent to 35 to 105 mm)
Image Control Functions	Off, date only, date and time
Output File Format	**Still Image:** JPEG (EXIF 2.2); **video clips:** MPEG-1; **Image Compression:** JPEG
Metering	TTL (through-the-lens)
Audio Capacity[2]	60 sec
Burst Rate	1 frames/sec, 3 pictures maximum
Video	**Format:** MPEG-1; **Resolution:** VGA 640 x 480; **Maximum Size/Length:** Maximum length is limited to the size of the memory card or internal memory; **Frame Rate:** 24 fps
LCD	**Display Specifications:** 7.62 cm (3 in) LCD display; 960 x 240 = 230400 dots (diagonal display size); **Components:** Pictures remaining, battery status, focus brackets, shooting mode, SD card, image quality level, self-timer information, burst, flash mode, white balance, ISO speed, exposure compensation, saturation, sharpness, adaptive lighting, AE metering, bracketing, focus mode, contrast, F-number and shutter speed, remove red-eyes, digital zoom crop box, video icon and quality level, video counter
Control Panel	**Top of camera:** 7 buttons (Flash mode, Live view/Playback, Macro/Manual focus, Photosmart Express, Power, Shutter, Video); **back of camera:** 3 buttons (Menu/OK, Navigation, Zoom)
Standard Connectivity	1 dock, 1 USB standard B cable; **External IO Ports: Camera:** 1 dock connector; **dock:** 1 USB, 1 camera, 1 DC input connector
Direct Print Capability	Yes (any PictBridge-enabled printer or all-in-one; does not apply to stitched panorama images or video)

[1] These numbers are only a guideline; actual numbers will vary by use.
[2] 60-second audio limit applies to audio with still image capture. Audio with video capture is limited to the size of the memory card or internal memory.

Minimum System Requirements

For PC: USB-compatible PC with Pentium II (233 MHz for minimum), equivalent Celeron or compatible; 128 MB RAM (for Windows 2000, XP Home, XP, 64-Bit Professional), 64 MB RAM (for Windows 98, 98 SE, Me); 400 MB available hard disk space (for Windows 2000, XP Home, XP, 64-Bit Professional), 200 MB (for Windows 98, 98 SE, Me); Windows 98, 98 SE, 2000, Me, XP Home, XP, 64-Bit Professional; SVGA monitor (800 x 600, 16-bit color); CD-ROM drive; Internet Explorer 5.01 with Service Pack 2 or higher; USB port (compatible with USB 2.0 specifications); **For Mac:** Macintosh computer with built-in USB, 128 MB RAM, 250 MB available hard disk space, Mac OS X v 10.2.8, 10.3, 10.4

Dimensions/Weight

Standard: 3.78 x 1.00 x 2.44 in (96 x 25.6 x 62 mm); **Maximum:** 3.78 x 2.16 x 2.44 in (96 x 54.8 x 62 mm); **Weight:** 0.37 lb (0.17 kg) without batteries, 0.44 lb (0.2 kg) with batteries

Operating Environment

Maximum Operating Temperature: 32 to 122° F (0 to 50° C); **Storage Range:** -22 to 149° F (-30 to 65° C); **Operating Humidity:** 15 to 85% RH; **Non-operating Humidity Range:** 15 to 85% RH; **Storage Humidity:** 15 to 90% RH

Power Supply Source/Battery Life

1 lithium-ion rechargeable battery, AC adapter with dock; **Battery Life:** 200 shots (maximum), 110 shots (minimum), 165 shots (average)

Warranty

One year limited warranty backed by HP's 24-hour, 7-days-a-week Customer Care, service and support; HP Customer Care, including 24-hour web support at www.hp.com/go/support

Ordering information

What's in the box?

- HP Photosmart R927 Digital Camera
- HP Photosmart R07 lithium-ion rechargeable battery
- HP Photosmart 6220 Digital Camera Dock
- USB cable
- Quick Start Guide
- User Guide on CD
- Warranty/regulatory brochure
- CD with HP Photosmart Premier software for Windows and Macintosh
- Wrist strap

HP Product	Part Number
HP Photosmart R927 Digital Camera	L2056A
Accessories	
HP Photosmart Quick Recharge Kit for AA Battery Cameras	L1815A
HP Signature Soft-Style Camera Case	Q6227A
HP Photosmart 1 GB Secure Digital Card	L1876A
HP Photosmart 512 MB Secure Digital Card	L1875A
HP Photosmart 256 MB Secure Digital Card	L1874A
HP Photosmart R/M 128 MB Secure Digital Card	L1873A
HP Photosmart R/M 64 MB Secure Digital Card	L1872A

Product Number: L2056A

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